

ABSTRACT OF THE DISCLOSURE

The invention relates to a method for synchronizing the phase of a code available at a receiving unit with the
5 phase of a corresponding code of which samples are received at said receiving unit. The synchronization comprises comparing a received code sample with different samples of the available code, the respective sample of the available code being shifted in phase for each
10 comparison by a predetermined amount until a correspondence with the received code sample is determined or until an interrupt of the synchronization occurs. In order to accelerate the synchronization, it is proposed to continue the synchronization after an
15 interrupt with a newly received code sample and with available code samples proceeding from the code phase of the available code reached in the synchronization before the interrupt. The invention relates equally to a corresponding receiving unit and to a communication
20 system comprising such a receiving unit.

For publication: Figure 1